## 10/575697

## IAP20 Rec'd PCT/PTO 12 APR 2006

## SEQUENCE LISTING

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gtt cgc caa acc att aaa gaa atc gga tac Val Arg Gln Thr Ile Lys Glu Ile Gly Tyr 75 80	
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aca atg agc gac gaa gaa att gaa gcg att Thr Met Ser Asp Glu Glu Ile Glu Ala Ile	

120 125 130

tta Leu 135										1	1446
cca Pro										1	1494
aaa Lys										1	1542
acg Thr				aac Asn 190						1	1590
gtt Val										1	1638
cgc Arg 215										1	1686
				ttc Phe						1	1734
atc Ile				gcg Ala						1	1782
gtt Val										-	1830
ggt Gly				gac Asp						-	1878
				gcg Ala						-	1926
gta Val	_	_		ggt Gly	-	_	_			-	1974
				aaa Lys						2	2022
				tta Leu 350						2	2070

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His Pro Asp Lys Ile Cys Asp Gln Ile Tyr Asp Ser Ile Leu Asp Glu 20 25 30	
Ile Leu Lys Lys Asp Pro Asn Ala Arg Val Ala Cys Glu Thr Ser Val 35 40 45	

Thr Thr Gly Leu Val Leu Val Ser Gly Glu Ile Thr Thr Ser Thr Tyr

Val Asp Ile Pro Lys Thr Val Arg Gln Thr Ile Lys Glu Ile Gly Tyr

Thr Arg Ala Lys Tyr Gly Phe Asp Ala Glu Thr Cys Ala Val Leu Thr

Ser Ile Asp Glu Gln Ser Ala Asp Ile Ala Met Gly Val Asp Pro Ala Leu Glu Ala Arq Glu Gly Thr Met Ser Asp Glu Glu Ile Glu Ala Ile Gly Ala Gly Asp Gln Gly Leu Met Phe Gly Tyr Val Cys Asn Glu Thr Lys Glu Leu Met Pro Leu Pro Ile Ser Leu Ala His Lys Leu Ala Arg Arg Leu Ser Glu Val Arg Lys Glu Asp Ile Leu Pro Tyr Leu Arg Pro Asp Gly Lys Thr Gln Val Thr Val Glu Tyr Asp Glu Asn Asn Lys Pro Val Arg Ile Asp Ala Ile Val Ile Ser Thr Gln His His Pro Glu Ile Thr Leu Glu Gln Ile Gln Arg Asn Ile Lys Glu His Val Ile Asn Pro Val Val Pro Glu Glu Leu Ile Asp Glu Glu Thr Lys Tyr Phe Ile Asn Pro Thr Gly Arg Phe Val Ile Gly Gly Pro Gln Gly Asp Ala Gly Leu Thr Gly Arg Lys Ile Ile Val Asp Thr Tyr Gly Gly Tyr Ala Arg His Gly Gly Gly Ala Phe Ser Gly Lys Asp Ala Thr Lys Val Asp Arg Ser Ala Ala Tyr Ala Ala Arg Tyr Val Ala Lys Asn Ile Val Ala Ala Glu Leu Ala Asp Ser Cys Glu Val Gln Leu Ala Tyr Ala Ile Gly Val Ala 

Glu Glu Lys Leu Ile Glu Val Val Arg Asn Phe Gly Ser Gly Lys Ala Ser Glu Glu Lys Lys Ala Ser Glu Glu Lys Leu Ile Glu Val Val Arg Asn Asn Phe Asp Leu Arg Pro 350 Ala Gly Ile Ile Lys Met Leu Asp Leu Arg Arg Pro 365 Tyr Lys Gln Ala Ala Tyr Gly His Phe Gly Arg His Asp Val Asp Leu Pro Trp 370 Arg Thr Asp Lys Ala Glu Gln Leu Arg Lys Glu Ala Leu Gly Glu Ags Arg Thr Asp Lys Ala Glu Gln Leu Arg Lys Glu Ala Leu Gly Glu 400